

Title (en)
SEPARATED GRAY METAL AND TITANIUM NITRIDE SOLAR CONTROL MEMBERS

Title (de)
GETRENNTE SOLARSTEUERELEMENTE AUS GRAUMETALL UND TITANNITRID

Title (fr)
ÉLÉMENTS SÉPARÉS DE RÉGULATION SOLAIRE DE MÉTAL GRIS ET DE NITRURE DE TITANE

Publication
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Application
EP 07852418 A 20070920

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Abstract (en)
[origin: US8404303B2] A solar control member for determining solar control for a window includes an optically massive layer between a gray metal layer and a titanium nitride layer. The optically massive layer has sufficient thickness to retard or prevent constructive and destructive interference of reflected light. The optically massive layer may be an adhesive, but also may be one or more polymeric substrates. The gray metal layer is preferably nickel chromium, but other gray metal materials provide superior results as compared to the prior art. Also in the preferred embodiment, the titanium nitride layer is closer to the window (e.g., glass) than the gray metal layer.

IPC 8 full level
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US 6034813 A 20000307 - WOODARD FLOYD EUGENE [US], et al

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